

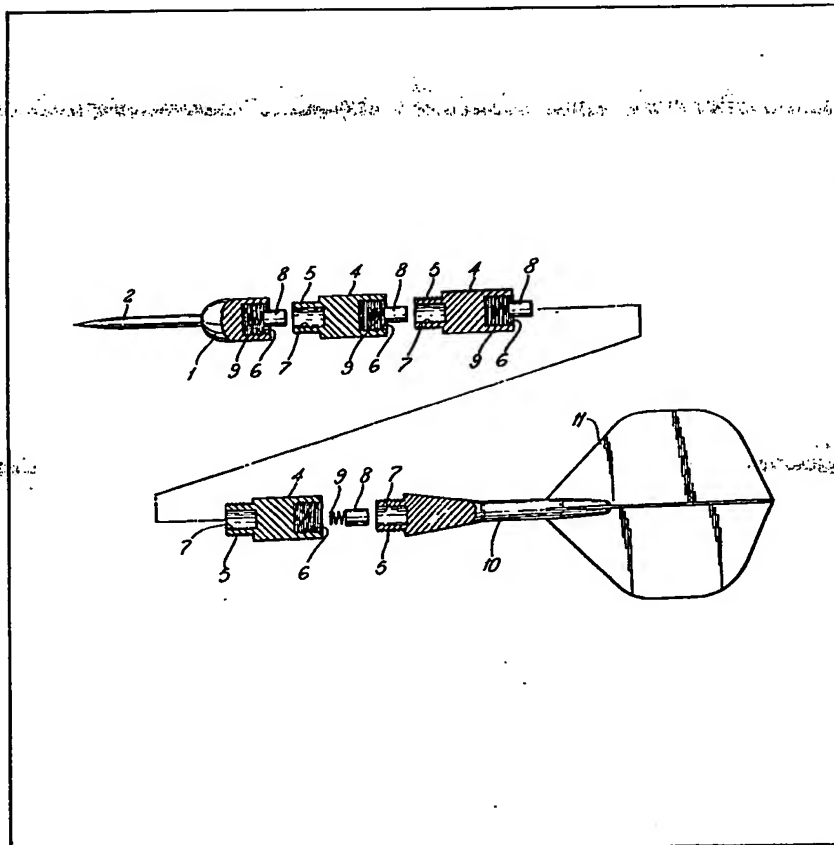
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(54) Darts

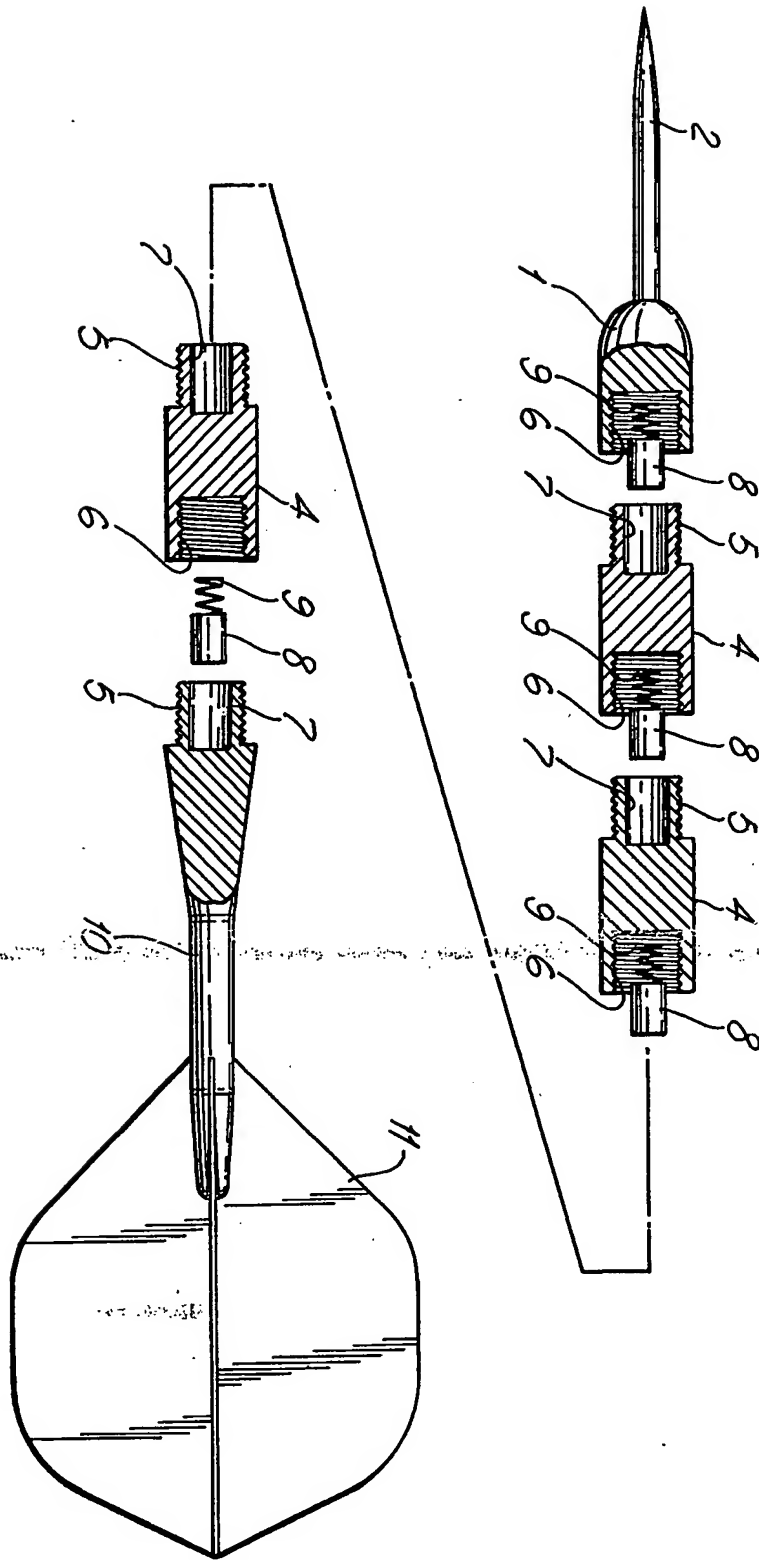
(57) A dart has a head 1 with a point 2, a main body securable to said head 1, and a stem 10 having flights 11 securable to the main body, and wherein said main body comprises a plurality of interconnectable sections 4 the number of which can be selected by the user. Each section 4 has at one end an externally screw-threaded boss 5, which can be screwed into an internally screw-threaded bore 6. The boss 5 has a cavity 7, in which a weight 8 can be housed. Each weight 8 is held in place by a spring 9.

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SPECIFICATION

Improvements in or relating to darts

- 5 This invention relates to darts. It is often the case when someone buys a set of darts which initially seemed suitable that after some use the set falls into disfavour. Thus the user may find after a period of use, that a dart is either too light, too heavy, too long, too short, or is not balanced correctly for his liking.

This invention has for an object to reduce the above problems so that a player can adjust his darts according to the individual way he throws them.

- 15 Accordingly the present invention consists in a dart having a head with a point, a main body securable to said head, and a stem having flights securable to the main body, and wherein said main body comprises a plurality of interconnectable sections the number of which sections can be selected by the user.

- Preferably each section houses a weight which may be removable. In a preferred embodiment each section has at one end an externally screw-threaded boss which can be screwed into an internally screw-threaded bore in the other end of a similar section, the boss having a cavity in which a weight can be housed. Preferably each weight is associated with a spring to hold the weight firmly in place within the cavity in which it is housed. In a preferred embodiment the spring may be embedded, or otherwise secured to the weight to facilitate handling.

- 10 In order that the present invention may be more readily understood, an embodiment thereof will now be described by way of example and with reference to the accompanying drawing the single figure of which shows an exploded view of one embodiment of a dart constructed in accordance with the present invention. Referring now to the single figure of the accompanying drawing, this shows a dart having a head 1 carrying a point 2. The main body of the dart is made from three identical sections 4. Each section 4 has at one end a boss or stem 5 of reduced diameter which is externally screw-threaded, and at its other end an internally screw-threaded blind bore 6 dimensioned to receive the boss 5 of another section 4 so that the sections can be screwed together. The head 1 has a bore 6 identical to the bores of sections 4.

- Each boss 5 has a cavity 7 for housing a weight 8, and each cavity also houses a compression spring 9 so that when a pair of sections 4 are screwed together around a weight 8 and its associated spring 9 the spring 9 is compressed so as to hold the weight 8 firmly against the base of the bore 6 in which it is housed.

- The dart has a stem 10 having a flight 11 which is also provided with a hollow screw-threaded boss 5 identical to the bosses 5 of the main body sections 4 so that the stem 10 can be screwed into the last of the row of sections 4. It will of course be appreciated that the boss 5 of the stem could be screwed directly into the head.

- 65 The dart just described can have its length and

weight adjusted to suit individual users by removing one or more of the main body sections, by omitting one or more of the weights, or by using different weights. Naturally the number of sections could be increased beyond the number described.

- 70 Normally the weights will be of lead and it will be appreciated that, provided the springs are strong enough, weights of different sizes can be housed in the bores in accordance with the preference of the user.

It will thus be seen that the dimensions and weight of a dart can be readily varied to suit the individual preferences of a player.

80 CLAIMS

1. A dart having a head with a point, a main body securable to said head, and a stem having flights securable to the main body, and wherein said main body comprises a plurality of interconnectable sections the number of which can be selected by the user.

2. A dart as claimed in claim 1, wherein each section houses a weight which may be removable.

- 90 3. A dart as claimed in claim 1 or 2, wherein each section has at one end an externally screw-threaded boss which can be screwed into an internally screw-threaded bore in the end of a similar section, the boss having a cavity in which a weight can be housed.

4. A dart as claimed in claim 3, wherein each cavity houses a weight and each weight is associated with a spring to hold the weight firmly in place within the cavity in which it is housed.

- 100 5. A dart as claimed in claim 4, wherein each spring is secured to its associated weight.

6. A dart as claimed in any one of the preceding claims, wherein the maximum diameters of said head, said sections and said stems are the same.

- 105 7. A dart as claimed in claim 6, wherein said sections are of constant diameter.

8. A dart substantially as hereinbefore described with reference to the accompanying drawing.

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